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PATENTS C.C.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Application of:

Agoston et al.

Serial No. 09/644,387

Filed: August 23, 2000

For: Methods of Obtaining 2-Methoxyestradiol
of High Purity

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) Art Unit: 1513
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) Examiner: Badio, Barbara P.
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INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

The citation of information on the attached Form PTO/SB/08 is made pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98. A copy of each cited item is enclosed.

As this Information Disclosure Statement is being filed after the issuance of an office action on the merits, pursuant to 37 C.F.R. §1.97(c)(2), the fee of \$180, as set forth in §1.17(p), is due. Form PTO-2038 authorizing the charge of \$180 is enclosed herewith.

The citation of this information does not constitute an admission of priority or that any cited item is available as a reference, or a waiver of any right the applicant may have under applicable statutes, Rules of Practice in patent cases, or otherwise.

Kilpatrick Stockton LLP
1100 Peachtree Street, Ste. 2800
Atlanta, Georgia 30309-4530
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Our Docket: 05213-0541 (43170-219662)

Respectfully submitted,

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Express Mail Mailing Label: EV 334681178 US
Date of Deposit: September 14, 2005

09/19/2005 EAYALEW1 00000009 09644387 180.00 DP
01 FC:1806

Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application No.	09/644,387
				Filing Date	08/23/2000
				First Named Inventor	Agoston et al.
				Group Art Unit	1617
				Examiner Name	Badio, Barbara
Sheet	1	of	24	Attorney Docket Number	05213-0541 (43170-219662)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ⁴	Kind Code ² (if known)			
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		Number ⁴	Kind Code ² (if known)			
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		Office ⁴	Number ⁴					
	47	DE	2 004 516		VEB Jenapharm	09/10/1970		No
	48	DE	27 57 157		Schering AG	12/19/1977		
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	60	JP	41 000100	A	Dainippon Pharmaceutical Co., Ltd. (abstract only)	01/07/1966		
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	62	SU	1240038	A1	A MED ONCOLOGY CENTRE (abstract only)	10/27/1996		
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	73	WO	99/33858	A3	SRI International	07/08/1999		
	74	WO	99/33859	A2	SRI International	07/08/1999		
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	77	Author: Title: Publ: Research Plus Catalog Vol/Iss: Pages: 50-58 Date: 1993				
	78	Author: Title: News Article: Hoffman-La Roche Signs \$70 Million Deal with Millenium on Genomics Technology Publ: Genetic Engineering News Vol/Iss: Pages: Date: 4/15/1994				
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	82	Author: ALGIRE, G.H. et al. Title: Vascular reactions of normal and malignant tumors in vivo. I. Vascular reactions of mice to wounds and to normal and neoplastic transplants Publ: Journal of the National Cancer Institute Vol/Iss: 6 Pages: 73-85 Date: 08/1945				
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	84	Author: ANSTEAD et al. Title: The Estradiol Pharmacophore: Ligand Structure-Estrogen Receptor Binding Affinity Relationships and a Model for the Receptor Binding Site Publ: Steroids Vol/Iss: 62 Pages: 268-303 Date: 1997				
	85	Author: ARNOLDI et al. Title: Sweet Isovanillyl Derivatives: Synthesis and Structure-Taste Relationships of Conformationally Restricted Analogs (Abstract only) Publ: Journal of Agric. Food Chem. Vol/Iss: 46(10) Pages: 4002-4010 Date: 1998				
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	88	Author: BARNES et al. Title: Tumor Necrosis Factor Production in Patients with Leprosy Publ: Infection and Immunity Vol/Iss: 60 (4) Pages: 1441-1446 Date: 04/1992				
	89	Author: BINDRA et al. Title: Studies in Antifertility Agents. 8. Seco Steroids. 2. 5,6-Secoestradiol and Some Related Compounds Publ: Journal of Medicinal Chemistry Vol/Iss: 18 (9) Pages: 921-925 Date: 1975				
	90	Author: BLICKENSTAFF et al. Title: Synthesis of Some Analogs of Estradiol Publ: Steroids Vol/Iss: 46 (4,5) Pages: 889-902 Date: 10/1985				

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	91	Author: BOYCE et al. Title: Some Preliminary Synthetical Studies with 5,6,7,8-Tetra-hydro-8-methylindane -1,5-dione Publ: <u>Unknown</u> Vol/Iss: Pages: 4547-4553 Date: 1960	
	92	Author: BRANDI et al. Title: Bone endothelial cells as estrogen targets (Abstract only) Publ: <u>Calcif. Tissue Int.</u> Vol/Iss: 53 (5) Pages: 312-317 Date: 1993	
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	95	Author: CAMBIE et al. Title: Aromatic Steroids. Part II. Chromium Trioxide Oxidation of Some Oestra-1,3-5(10)-trienes Publ: <u>Journal of the Chemical Society</u> Vol/Iss: 9 Pages: 1234-1240 Date: 1969	
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	98	Author: COREY et al. Title: Facile Conversion of N,N-Dimethylhydrazones to Carbonyl Compounds by Cupric Ion-Catalyzed Hydrolysis Publ: Tetrahedron Letters Vol/Iss: 41 Pages: 3678-3668 Date: 1976				
	99	Author: CRABBE, P. Title: Cotton effect of the styrene chromophore (Abstract only) Publ: Chem. Ind. Vol/Iss: 27 Pages: 917-918 Date: 1969				
	100	Author: D'AMATO, R.J. et al. Title: Thalidomide is an Inhibitor of Angiogenesis Publ: Proceedings of the National Academy of Science USA Vol/Iss: 91 Pages: 4082-4085 Date: 04/01/94				
	101	Author: DING et al. Title: Sex Hormone-Binding Globulin Mediates Prostate Androgen Receptor Action via a Novel Signaling Pathway (Abstract only) Publ: Endocrinology Vol/Iss: 139 (1) Pages: 213-218 Date: 1998				
	102	Author: DURANI et al. Title: Seco-Oestradiols and Some Non-Steroidal Oestrogens: Structural Correlates of Oestrogenic Action Publ: Journal of Steroid Biochemistry Vol/Iss: 11 Pages: 67-77 Date: 1979				
	103	Author: EDER et al. Title: Synthese von Ostradiol (in German - No translation available) Publ: Chem. Ber. Vol/Iss: 109 Pages: 2948-2953 Date: 1976				
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	105	Author: EMONS et al. Title: Modulation der hypophysaren Sekretion von Luteinisierendem Hormon (LH) durch Ostrogene Publ: FOCUS MHL Vol/Iss: 3 Pages: 221-228 Date: 1986			
	106	Author: ENJYOJI, K. et al. Title: Effect of Heparin on the Inhibition of Factor Xa by Tissue Factor Pathway Inhibitor: A Segment, Gly ²¹² -Phe ²⁴⁰ , of the third Kunitz Domain is a Heparin-Binding Site Publ: Biochemistry Vol/Iss: 34 (17) Pages: 5725-5735 Date: 1995			
	107	Author: FANCHENKO et al. Title: Characterisitics of the guinea pig uterus estrogen receptor system (Abstract only) Publ: Byull. Eksp. Biol. Med. Vol/Iss: 85 (4) Pages: 467-470 Date: 1978			
	108	Author: FETIZON et al. Title: Synthesis of 2-keto steroids (Abstract only) Publ: Bull. Soc. Chim. FR. Vol/Iss: 8 Pages: 3301-3306 Date: 1968			
	109	Author: FEVIG et al. Title: A Short, Stereoselective Route to 16 α -(Substituted-alkyl)estradiol Derivatives Publ: Journal of Organic Chemistry Vol/Iss: 52 Pages: 247-251 Date: 1987			
	110	Author: FIELD et al. Title: Effect of Thalidomide on the Graft versus Host Reaction Publ: Nature Vol/Iss: 211 (5055) Pages: 1308-1310 Date: 09/17/66			
	111	Author: FIESER et al. Title: N-Methylformanilide Publ: Organic Synthesis Collective Volume 3 Vol/Iss: 3 Pages: 590-591 Date: 1955			

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				Application No.	09/644,387	
				Filing Date	08/23/2000	
				First Named Inventor	Agoston et al.	
				Group Art Unit	1617	
				Examiner Name	Badio, Barbara	
Sheet	11	of	24	Attorney Docket Number		05213-0541 (43170-219662)
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	112	Author: FLOHE et al. Title: Studies on the Hypothetical Relationship of Thalidomide-induced Embryopathy and Collagen Biosynthesis Publ: Arzneimitte/Forschung (Germany West) Vol/Iss: 31 (2) Pages: 315-320 Date: 01/01/81				
	113	Author: FOLKMAN et al. Title: Angiogenesis Inhibition and Tumor Regression Caused by Heparin or a Heparin Fragment in the Presence of Cortisone Publ: Science Vol/Iss: 221 Pages: 719-725 Date: 08/19/83				
	114	Author: FOLKMAN, J. Title: Tumor Angiogenesis: Therapeutic Implications Publ: New England Journal of Medicine Vol/Iss: 285 (21) Pages: 1182-1186 Date: 11/18/71				
	115	Author: FOLKMAN, J. et al. Title: Induction of Angiogenesis During the Transition from Hyperplasia to Neoplasia Publ: Nature Vol/Iss: 339 Pages: 58-61 Date: 05/04/89				
	116	Author: FOLKMAN, J. et al. Title: Tumor Behavior in Isolated Perfused Organs in vitro Growth and Metastases of Biopsy Material in Rabbit Thyroid and Canine Intestinal Segment Publ: Annals of Surgery Vol/Iss: 164(3) Pages: 491-502 Date: 09/01/66				
	117	Author: GADOSY et al. Title: Generation, Characterization, and Deprotonation of Phenol Radical Cations Publ: Journal of Physical Chemistry Vol/Iss: 103 Pages: 8834-8839 Date: 1999				
	118	Author: GANDHI et al. Title: Mannich Reaction of Estrone Publ: Journal of Indian Chem. Soc. Vol/Iss: 39 Pages: 306-308 Date: 1962				

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	119	Author: GASLINI et al. Title: Reaction of Eugenol with Synthesis Gas. Synthesis of 5,6,7,8-Tetrahydro-3-methoxy-2-naphthol Publ: <u>Journal of Organic Chemistry</u> Vol/Iss: 29 (5) Pages: 1177-1180 Date: 05/1964	
	120	Author: GIAN TONDURY et al. Title: Zur Wirkung Der Sexualhormone Auf Wachstum und Differenzierung (See English Summary Page 55) Publ: <u>Cambridge Philosophical Society</u> Vol/Iss: Pages: 28-58 Date: 12/17/1955	
	121	Author: GIMBRONE, M.A. et al. Title: Tumor Growth and Neovascularization: An Experimental Model Using the Rabbit Cornea Publ: <u>Journal of the National Cancer Institute</u> Vol/Iss: 52(2) Pages: 413-427 Date: 02/74	
	122	Author: GIMBRONE, M.A. et al. Title: Tumor dormancy <i>in vivo</i> by Prevention of Neovascularization Publ: <u>Journal of Experimental Medicine</u> Vol/Iss: 136 Pages: 261-276 Date: 1972	
	123	Author: GONZALEZ et al. Title: Synthesis and Pharmacological Evaluation of 8 α Estradiol Derivatives Publ: <u>Steroids</u> Vol/Iss: 40 (2) Pages: 171-187 Date: 9/1982	
	124	Author: GROSS, J.L. et al. Title: Modulation of Solid Tumor Growth <i>in vivo</i> by bFGF (Abstract only) Publ: <u>Proceedings of the American Association of Cancer Research</u> Vol/Iss: 31 Pages: 79 Date: 03/90	
	125	Author: GUJJAR et al. Title: The Effect of Estradiol on Candida albicans Growth Publ: <u>Annals of Clinical and Laboratory Science</u> Vol/Iss: 27 (2) Pages: 151-156 Date: 1997	

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	126	Author: GUNZLER, V. Title: Thalidomide-A Therapy for the Immunological Consequences of HIV Infection? Publ: Medical Hypothesis Vol/Iss: 30 (2) Pages: 105-109 Date: 10/89				
	127	Author: GUPTA et al. Title: Antifertility Agents. XIV. Secosteroids. VII. Synthesis of 2 α and 2 β , 6 β -dimethyl- 3 β -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7-ones and some related compounds (Abstract only) Publ: Indian Journal of Chemistry Vol/Iss: 13 (7) Pages: 759-760 Date: 1975				
	128	Author: GUPTA et al. Title: Studies in Antifertility Agents. Part XVIII. 2 α 6 β -Diethyl-3 β -(p-hydroxyphenyl)-trans-bicyclo[4.3.0]nonan-7 β -ol and 6 β -methyl-3 β -(p-hydroxyphenyl)-2 α -propyl- trans-bicyclo[4.3.0]nonan-7 β -ol (Abstract only) Publ: Indian Journal of Chemistry Vol/Iss: 19B (10) Pages: 886-890 Date: 1980				
	129	Author: GUTIERREZ-RODRIGUEZ et al. Title: Treatment of Refractory Rheumatoid Arthritis - The Thalidomide Experience Publ: The Journal of Rheumatology Vol/Iss: 16 (2) Pages: 158-163 Date: 02/89				
	130	Author: GUTIERREZ-RODRIGUEZ, O. Title: Thalidomide - A Promising New Treatment for Rheumatoid Arthritis Publ: Arthritis and Rheumatism Vol/Iss: 27 (10) Pages: 1118-1121 Date: 10/84				
	131	Author: HAHNEL et al. Title: The Specificity of the Estrogen Receptor of Human Uterus Publ: Journal of Steroid Biochemistry Vol/Iss: 4 Pages: 21-31 Date: 1973				
	132	Author: HANDLEY et al. Title: Chronic bullous disease of childhood and ulcerative colitis Publ: British Journal of Dermatology Vol/Iss: 127 (40) Pages: 67-68 Date: 07/01/92				

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Sheet	14	of	24	Attorney Docket Number		05213-0541 (43170-219662)

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	133	Author: HE et al. Title: Novel Cytokine Release Inhibitors. PartII Steroids Publ: <u>Bioorganic & Medicinal Chemistry Letters</u> Vol/Iss: 8 Pages: 2825-2828 Date: 1998	
	134	Author: HEJAZ et al. Title: Synthesis and Biological Activity of the Superestrogen (E)-17-Oximino-3-O-sulfamoyl-1,3,5(10)-estratriene: X-ray Crystal Structure of (E)-17-Oximino-3-hydroxy-1,3,5(10)-estratriene Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 42 (16) Pages: 3188-3192 Date: 1999	
	135	Author: HENEY et al. Title: Thalidomide treatment for chronic graft-versus-host disease Publ: <u>British Journal of Haematology</u> Vol/Iss: 78 (1) Pages: 23-27 Date: 05/91	
	136	Author: HOLKER et al. Title: The Reactions of Estrogens with Benzeneseleninic Anhydride and Hexamethyldisilazane Publ: <u>J. Chem. Soc. Perkin Trans.</u> Vol/Iss: 1 Pages: 1915-1918 Date: 1982	
	137	Author: HU, G. Title: Neomycin Inhibits Angiogenin-induced Angiogenesis (abstract Only) Publ: <u>Proceedings of the National Academy of Sciences, USA</u> Vol/Iss: 95 (17) Pages: 9791-9795 Date: 1998	
	138	Author: Ikegawa et al. Title: Immunoaffinity extraction for liquid chromatographic determination of equilin and its metabolites in plasma (Abstract only) Publ: <u>Biomed. Chromatogr.</u> Vol/Iss: 10 (2) Pages: 73-77 Date: 1996	
	139	Author: IMAMURA et al. Title: Method for Manufacture of Dihydric Phenols (Abstract only) Publ: <u>USPATFULL 76:20259 US 3,950,437</u> Vol/Iss: Pages: Date: 04/13/1976	

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	140	Author: INGBER, D. et al. Title: Synthetic analogues of fumagillin that inhibit angiogenesis and suppress tumor growth Publ: <u>Nature</u> Vol/Iss: 348 Pages: 555-557 Date: 12/06/90	
	141	Author: IRIARTE et al. Title: Steroids (XCIV). Synthesis of 2-methyl and 1,2-dimethyl estrogens (Abstract only) Publ: <u>Tetrahedron</u> Vol/Iss: 3 Pages: 28-36 Date: 1958	
	142	Author: JAGGERS et al. Title: Potent Inhibitory Effects of Steroids in an in vitro Model of Angiogenesis (Abstract only) Publ: <u>Journal of Endocrinology</u> Vol/Iss: 150 (3) Pages: 457-464 Date: 1996	
	143	Author: JHINGRAN et al. Title: Studies in Antifertility Agents - Part XLI: Secosteroids-x: Syntheses of Various Stereoisomers of (+)-2,6 β -diethyl-7 α -ethynyl-3-(p-hydroxyphenyl)-trans-bicyclo [4.3.0]nonan-7 β -ol. Publ: <u>Steroids</u> Vol/Iss: 42 (6) Pages: 627-634 Date: 1983	
	144	Author: KARWAT Title: Separation and Recovery of Hydrogen Sulfide from Hydrocarbon Mixture Publ: <u>Caplus DE 1103310</u> Vol/Iss: Pages: Date: 09/02/1959	
	145	Author: KATAOKA et al. Title: An Agent that Increases Tumor Suppressor Transgene Product Coupled with Systemic Transgene Delivery Inhibits Growth of Metastatic Lung Cancer in Vivo (Abstract only) Publ: <u>Cancer Research</u> Vol/Iss: 58 (21) Pages: 4761-4765 Date: 11/1998	
	146	Author: KNIGHTON, D. et al. Title: Avascular and Vascular Phases of Tumour Growth in the Chick Embryo Publ: <u>British Journal of Cancer</u> Vol/Iss: 35 Pages: 347-356 Date: 1977	

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	147	Author: KOLE et al. Title: Studies in Antifertility Agents. 11. Secosteroids.5.Synthesis of 9,11-Secoestradiol Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 18 (7) Pages: 765-766 Date: 1975	
	148	Author: KOVACS et al. Title: Steroids. XXIII. Synthesis of 2- and 4-hydroxy and 2,4-dihydroxy derivatives of estrone and estradiol (Abstract only) Publ: <u>Acta Phys.Chem.</u> Vol/Iss: 19 (3) Pages: 287-290 Date: 1973	
	149	Author: LAGUCHEV, S.S. Title: Hormonal Regulation of Cell-Divisions in the Mammary Gland Publ: <u>Path.-Biol.</u> Vol/Iss: 9 (5-6) Pages: 638-640 Date: 03/1961	
	150	Author: LEWIS, Richard J. Title: Publ: <u>Hawley's Condensed Chemical Dictionary</u> Vol/Iss: Pages: 577 Date: 01/1993	
	151	Author: LEWIS, Richard J. Title: Publ: <u>Hawley's Condensed Chemical Dictionary</u> Vol/Iss: Pages: 128-129 Date: 01/1993	
	152	Author: LI, J., et al. Title: (DN 103:65176) Catechol Formation of Fluoro- and Bromo-substituted Estradiols by Hamster Liver Microsomes. Evidence for Dehalogenation. (Abstract only) Publ: <u>CAPLUS; Molecular Pharmacology</u> Vol/Iss: 27 (5) Pages: 559-565 Date: 1985	
	153	Author: LIEN, W. et al. Title: The blood supply of experimental liver metastases. II. A Microcirculatory study of the normal and tumor vessels of the liver with the use of perfused silicone rubber Publ: <u>Surgery</u> Vol/Iss: 68 (2) Pages: 334-340 Date: 08/1970	

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	154	Author: LIMANTSEV et al. Title: Effect of some estrogen structural analogs on the development of the mouse embryo (Abstract only) Publ: Akush Jinekoi. Vol/Iss: 6 Pages: 55-56 Date: 1982				
	155	Author: LIU et al. Title: Total Synthesis of (+-) - $\Delta^{9(12)}$ Capnellene Publ: Tetrahedron Letters Vol/Iss: 26 (40) Pages: 4847-4850 Date: 1985				
	156	Author: LOOZEN et al. Title: An approach to the synthesis of 7.beta.-amino estrogens (Abstract only) Publ: Recl.: J.R. Neth.Chem. Soc. Vol/Iss: 102 (10) Pages: 433-437 Date: 1983				
	157	Author: LOVELY et al. Title: 2-(Hydroxyalkyl)estradiols: Synthesis and Biological Evaluation Publ: Journal of Medicinal Chemistry Vol/Iss: 39 Pages: 1917-1923 Date: 1996				
	158	Author: MARO et al. Title: Mechanism of Polar Body Formation in the Mouse Oocyte: An Interaction Between the Chromosomes, the Cytoskeleton and the Plasma Membrane Publ: Journal of Embryology and Experimental Morphology Vol/Iss: 92 Pages: 11-32 Date: 1986				
	159	Author: MEZA et al. Title: Managing the Gastrointestinal Complications of AIDS Publ: Drug Therapy Vol/Iss: 23 (11) Pages: 74-83 Date: 11/1993				
	160	Author: MICHEL et al. Title: Inhibition of synaptosomal high-affinity uptake of dopamine and serotonin by estrogen agonists and antagonists (Abstract only) Publ: Biochem. Pharmacol. Vol/Iss: 36 (19) Pages: 3175-3180 Date: 1987				

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	161	Author: MOLLENDORFF, W. VON Title: Wachstumsstörungen durch Geschlechtshormone, nach Untersuchungen an Gewebekulturen Publ: Vol/Iss: Pages: 187-202 Date: 06/12/1941			
	162	Author: MORISAKI et al. Title: Steroids. LI. Aromatization reaction of the cross-conjugated dienone system by Zinc 9. (Abstract only) Publ: Chem. Pharm. Bull. Vol/Iss: 14 (8) Pages: 866-872 Date: 1966			
	163	Author: NAAFS et al. Title: Thalidomide Therapy An Open Trial Publ: International Journal of Dermatology Vol/Iss: 24 (2) Pages: 131-134 Date: 03/1985			
	164	Author: NAMBARA et al. Title: Microbial transformation products derived from steroids. I. Synthesis of 1,2- and 3-dimethoxy-4-methylestratrienes (Abstract only) Publ: Chem. Pharm. Bull. Vol/Iss: 20 (2) Pages: 336-342 Date: 1972			
	165	Author: NAMBARA et al. Title: Synthesis of 16 β -Oxygenated Catechol Estrogen Methyl Ethers, New and Potential Metabolites Publ: Chemical & Pharmaceutical Bulletin Vol/Iss: 23 (7) Pages: 1613-1616 Date: 07/1975			
	166	Author: NAMBARA, T., et al. Title: DN 82:43650; Analytical Chemical Studies on Steroids. LXXIII. Synthesis of Epimeric 2-Hydroxy-16-Chlorestrong Monomethyl Ethers (Abstract only) Publ: HCAPLUS-Chemical and Pharmaceutical Bulletin Vol/Iss: 22 (10) Pages: 2455-2457 Date: 1974			
	167	Author: NEWKOME et al. Title: Synthesis of Simple Hydrazones of Carbonyl Compounds by an Exchange Reaction Publ: Journal of Organic Chemistry Vol/Iss: 31 Pages: 677-681 Date: 03/1966			

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	168	Author: NGUYEN, M. et al. Title: Elevated Levels of the Angiogenic Peptide Basic Fibroblast Growth Factor in Urine of Bladder Cancer Patients Publ: Journal of the National Cancer Institute Vol/Iss: 85 (3) Pages: 241-242 Date: 02/03/93				
	169	Author: NUMAZAWA et al. Title: Novel and Regiospecific Synthesis of 2-Amino Estrogens via Zincke Nitration Publ: Steroids Vol/Iss: 41 (5) Pages: 675-682 Date: 1983				
	170	Author: OMAR et al. Title: Synthesis, binding affinities and uterotrophic activity of some 2-substituted estradiol and ring-A-fused pyrone derivatives Publ: European Journal of Medicinal Chemistry Vol/Iss: 29 Pages: 25-32 Date: 1994				
	171	Author: PERT et al. Title: Preparations of 2,4-disubstituted estradiols (Abstract only) Publ: Australian Journal of Chemistry Vol/Iss: 42 (3) Pages: 421-432 Date: 1989				
	172	Author: PETERS et al. Title: 17-Desoxy Estrogen Analogues Publ: Journal of Medicinal Chemistry Vol/Iss: 32 (7) Pages: 1642-1652 Date: 1989				
	173	Author: PFEIFFER et al. Title: Are catechol estrogens obligatory mediators of estrogen action in the central nervous system? I. Characterization of pharmacological probes with different receptor binding affinities and catechol estrogen formation rates (Abstract only) Publ: Journal of Endocrinology Vol/Iss: 110 (3) Pages: 489-497 Date: 1986				
	174	Author: PLUM et al. Title: Vaccination with Peptide to the Heparin Binding Domain of bFGF Conjugated to Liposomes Inhibits bFGF Induced Neovascularization (Abstract only) Publ: Proceedings of the American Association for Cancer Research Annual Vol/Iss: 39 Pages: 8 Date: 03/1998				

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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				Application No.	09/644,387
				Filing Date	08/23/2000
				First Named Inventor	Agoston et al.
				Group Art Unit	1617
Sheet 20 of 24				Examiner Name	Badio, Barbara
				Attorney Docket Number	05213-0541 (43170-219662)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	175	Author: POWELL et al. Title: Investigation and Treatment of Orogenital Ulceration; studies on a Possible Mode of Action of Thalidomide Publ: British Journal of Dermatology Vol/Iss: 113 Supp. 28 Pages: 141-144 Date: 07/1985			
	176	Author: ROMANELLI et al. Title: Ethyl-p-Dimethylaminophenylacetate Publ: Organic Synthesis Vol/Iss: 5 Pages: 552 Date: 10/24/1973			
	177	Author: SAKAKIBARA, KYOICHI Title: 2-Hydroxy-1,3,5(10)-estratriene derivatives (Abstract only) (Identifier: XP-002186126) Publ: Chemical Abstracts Vol/Iss: 60(1) Pages: Date: 01/06/64			
	178	Author: SATO et al. Title: Natural estrogens induce modulation of microtubules in Chinese hamster V79 cells in culture (Abstract only) Publ: Horm. Carcinog. II. Proceedings Int. Symp., 2nd (1996), Meeting Date 1994 Vol/Iss: Pages: 454-457 Date: 1996			
	179	Author: SEAVER, Sally Title: Monoclonal Antibodies in Industry: More Difficult than Originally Thought Publ: Genetic Engineering News Vol/Iss: 14 Pages: 10 and 21 Date: 08/1994			
	180	Author: SEEGERs et al. Title: Cyclic-AMP and Cyclic-GMP Production in MCF-7 Cells Exposed to Estradiol-17 Beta, Catecholestrogens and Methoxy-Estrogens in MCF-7 Cells (Meeting Abstract only) Publ: Joint MCI-1st Symposium. Third 1st International Symposium. Biology and Therapy of Breast Cancer Vol/Iss: Pages: Date: 09/25/89			
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	182	Author: SHAH et al. Title: (+/-)-(N-alkylamino)benzazepine Analogs: Novel Dopamine D1 Receptor Antagonists (Abstract only) Publ: Journal of Medicinal Chemistry Vol/Iss: 38 (21) Pages: 4284-4293 Date: 10/13/95				
	183	Author: SHISHKINA et al. Title: Synthesis and properties of condensed heterocyclic derivatives of estra-4, 9-dien-17.β.-ol-3-one (Abstract only) Publ: Khim.-Farm. Zh. Vol/Iss: 8 (1) Pages: 7-11 Date: 1974				
	184	Author: SIDKY et al. Title: Inhibition of Angiogenesis by Interferons: Effects on Tumor- and Lymphocyte-induced Vascular Responses Publ: Cancer Research Vol/Iss: 47 Pages: 5155-5161 Date: 10/01/87				
	185	Author: SIRACUSA et al. Title: The Effect of Microtubule- and Microfilament-disrupting Drugs on Preimplantation Mouse Embryos (abstract Only) Publ: Journal of Embryology and Experimental Morphology Vol/Iss: 60 Pages: 71-82 Date: 12/1980				
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	188	Author: SRIVASTAVA, A. et al. Title: The Prognostic Significance of Tumor Vascularity in Intermediate-Thickness (0.76-4.0 mm Thick) Skin Melanoma Publ: American Journal of Pathology Vol/Iss: 133 (2) Pages: 419-424 Date: 11/1988				

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	189	Author: STAPLES et al. Title: Structural Requirements for Steroid Inhibition of Sheep Lymphocyte Mitogenesis in vitro Publ: Steroids Vol/Iss: 44 (5) Pages: 419-433 Date: 11/1984	
	190	Author: STARKOV et al. Title: Mono- and Dialkylation of Guaiacol by Olefins on KU-2 Cation Exchanger (Abstract only) Publ: Zhurnal Prikladnoi Khimii Vol/Iss: 41 (3) Pages: 688-690 Date: 1968	
	191	Author: TAYLOR, S. et al. Title: Protamine is an Inhibitor of Angiogenesis Publ: Nature Vol/Iss: 297 Pages: 307-312 Date: 05/27/82	
	192	Author: TREMBLAY et al. Title: A Convenient Synthetic Method for Alpha-Alkylation of Steroidal 17-Ketone: Preparation of 16 β -(THPO-Heptyl)-Estradiol Publ: Synthetic Communications Vol/Iss: 25 (16) Pages: 2483-2495 Date: 1995	
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	194	Author: VICENTE et al. Title: In Vitro Activity of Thalidomide Against Mycobacterium avium Complex Publ: Archives of Internal Medicine Vol/Iss: 153 (4) Pages: 534 Date: 02/22/93	
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	196	Author: WEIDNER, N. et al. Title: Tumor angiogenesis: A New Significant and Independent Prognostic Indicator in Early-Stage Breast Carcinoma Publ: <u>Journal of the National Cancer Institute</u> Vol/Iss: 84 Pages: 1875-1887 Date: 12/16/92	
	197	Author: WEIDNER, N. et al. Title: Tumor Angiogenesis Correlates with Metastasis in Invasive Prostate Carcinoma Publ: <u>American Journal of Pathology</u> Vol/Iss: 143 (2) Pages: 401-409 Date: 08/1993	
	198	Author: WEIDNER, N. et al. Title: Tumor Angiogenesis and Metastasis-Correlation in Invasive Breast Carcinoma Publ: <u>New England Journal of Medicine</u> Vol/Iss: 324 (1) Pages: 1-8 Date: 01/03/91	
	199	Author: WELSCH et al. Title: Staphylostatic Activity of Some New Diphenols, Naphthols, and Chalcones (Abstract only) Publ: <u>Experientia</u> Vol/Iss: 11 Pages: 350-351 Date: 1955	
	200	Author: WHITE et al. Title: Treatment of Pulmonary Hemangiomatosis with Recombinant Interferon Alfa-2a Publ: <u>The New England Journal of Medicine</u> Vol/Iss: 32 (18) Pages: 1197-1200 Date: 05/04/89	
	201	Author: WIESE et al. Title: Induction of the Estrogen Specific Mitogenic Response of MCF-7 Cells by Selected Analogues of Estradiol-17 β : A 3D QSAR Study Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 40 Pages: 3659-3669 Date: 1997	
	202	Author: WURTZ et al. Title: Three-Dimensional Models of Estrogen Receptor Ligand Binding Domain Complexes Based on Related Crystal Structures and Mutational and Structure-Activity Relationship Data Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 41 Pages: 1803-1814 Date: 1998	

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	203	Author: YASUDA et al. Title: Accelerated differentiation in seminiferous tubules of fetal mice prenatally exposed to ethinyl estradiol (Abstract only) Publ: Anat. Embryol. (Berl.) Vol/Iss: 174 (3) Pages: 289-299 Date: 1986			

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